

Storm Data and Unusual Weather Phenomena - October 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
IOWA, Northeast				
FLOYD COUNTY --- 1.7 ESE CHARLES CITY [43.06, -92.67]				
	10/04/13 18:30 CST		0	Heavy Rain
	10/04/13 21:00 CST		0	Source: COOP Observer
In Charles City, 2.15 inches of rain was measured.				
WINNESHIEK COUNTY --- 1.7 ENE BLUFFTON [43.41, -91.90]				
	10/04/13 19:15 CST		0	Heavy Rain
	10/05/13 01:00 CST		0	Source: COOP Observer
In Bluffton, 2.25 inches of rain was measured.				
FLOYD COUNTY --- 1.2 SW WALLER [43.07, -92.67]				
	10/04/13 19:16 CST		0	Hail (0.75 in)
	10/04/13 19:16 CST		0	Source: Fire Department/Rescue
FLOYD COUNTY --- 1.2 SE FLOYD CROSSING [43.07, -92.73]				
	10/04/13 19:18 CST		0	Hail (1.00 in)
	10/04/13 19:18 CST		0	Source: Fire Department/Rescue
Quarter sized hail fell just west of Charles City.				
FLOYD COUNTY --- 2.6 ESE KNOOP ARPT [42.96, -92.95]				
	10/04/13 19:37 CST		0	Hail (1.00 in)
	10/04/13 19:37 CST		0	Source: Fire Department/Rescue
Quarter sized hail fell west of Marble Rock.				
FLOYD COUNTY --- 1.2 SW WALLER [43.07, -92.67]				
	10/04/13 19:43 CST	2K		Lightning
	10/04/13 19:43 CST	0		Source: Fire Department/Rescue
A tree and power lines were knocked down from a lightning strike.				
FLOYD COUNTY --- 0.7 S MARBLE ROCK [42.96, -92.87]				
	10/04/13 19:45 CST		0	Hail (1.00 in)
	10/04/13 19:45 CST		0	Source: Fire Department/Rescue
Quarter sized hail fell in Marble Rock.				
FLOYD COUNTY --- 1.5 E FLOYD [43.13, -92.74], 1.9 ENE FLOYD [43.14, -92.74], 2.1 ENE FLOYD [43.14, -92.73], 1.8 E FLOYD [43.13, -92.73]				
	10/04/13 19:56 CST		0	Flash Flood (due to Heavy Rain)
	10/04/13 21:30 CST		0	Source: Fire Department/Rescue
A vehicle became stranded in flood waters on a U.S. Highway 218 bridge over the Cedar River in Floyd. All the occupants were safely rescued by emergency personnel.				
FLOYD COUNTY --- 1.7 SSW WALLER [43.06, -92.67], 0.3 WSW WALLER [43.08, -92.65], 1.0 NE CHARLES CITY [43.08, -92.68], 0.6 S CHARLES CITY [43.06, -92.70], 1.3 WSW CHARLES CITY [43.06, -92.72], 1.4 WSW CHARLES CITY [43.06, -92.72]				
	10/04/13 20:18 CST		0	Flash Flood (due to Heavy Rain)
	10/04/13 22:30 CST		0	Source: Fire Department/Rescue
Flood waters from a local creek went over State Highway 14 west of Charles City near the fairgrounds. In addition, numerous streets in Charles City were under water from the heavy rain.				
FLOYD COUNTY --- 3.5 W CARRVILLE [43.02, -92.67]				
	10/04/13 20:22 CST		0	Hail (0.75 in)
	10/04/13 20:22 CST		0	Source: Trained Spotter

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WINNESHIEK COUNTY --- 5.2 NNW KENDALLVILLE [43.50, -92.07], 5.0 NNW KENDALLVILLE [43.50, -92.06], 4.7 NNW KENDALLVILLE [43.49, -92.06], 4.8 NNW KENDALLVILLE [43.49, -92.06]				
	10/04/13 21:30 CST		0	Flash Flood (due to Heavy Rain)
	10/04/13 22:30 CST		0	Source: Fire Department/Rescue

Water covered 333rd Avenue northeast of Kendallville near the intersection with State Line Road.

Thunderstorms developed during the evening of October 4th ahead of an approaching warm front. These storms produced locally heavy rains that caused flash flooding to occur across portions of Floyd and Winneshiek Counties. A vehicle became stranded in flood waters near Floyd (Floyd County) with the occupants having to be rescued by emergency personnel. Dime to quarter sized hail also fell near Marble Rock and Charles City (Floyd County).

MINNESOTA, Southeast

(MN-Z079) WABASHA, (MN-Z088) WINONA, (MN-Z096) HOUSTON				
	10/01/13 00:00 CST		0	Drought
	10/08/13 06:00 CST		0	

The severe drought that developed across southeast Minnesota in early September, ended during the first week of October. Between 1.5 and 5 inches of rain fell across the region, which lifted the drought status out of the severe category.

MOWER COUNTY --- 1.0 W AUSTIN [43.67, -92.95]				
	10/04/13 17:00 CST		0	Heavy Rain
	10/04/13 23:45 CST		0	Source: COOP Observer

In Austin, 2.36 inches of rain was measured.

FILLMORE COUNTY --- 0.7 S PRESTON [43.67, -92.08]				
	10/04/13 17:30 CST		0	Heavy Rain
	10/05/13 01:24 CST		0	Source: COOP Observer

In almost a six hour period, 5.85 inches of rain fell in Preston.

WINONA COUNTY --- 1.2 SE DRESBACH [43.87, -91.31]				
	10/04/13 18:45 CST		0	Heavy Rain
	10/05/13 02:00 CST		0	Source: COOP Observer

At Lock and Dam 7 near La Crescent, 3.35 inches of rain was measured.

HOUSTON COUNTY --- HOUSTON [43.77, -91.57]				
	10/04/13 19:30 CST		0	Heavy Rain
	10/05/13 01:30 CST		0	Source: COOP Observer

In Houston, 2.31 inches of rain was measured.

HOUSTON COUNTY --- MOUND PRAIRIE [43.78, -91.45]				
	10/04/13 19:30 CST		0	Heavy Rain
	10/05/13 01:30 CST		0	Source: COOP Observer

In Mound Prairie, 2.56 inches of rain was measured.

MOWER COUNTY --- 0.9 SSW MAPLEVIEW [43.67, -92.99], 1.0 SSW MAPLEVIEW [43.67, -92.99], 1.1 SSW MAPLEVIEW [43.67, -92.99], 1.0 SSW MAPLEVIEW [43.67, -92.99]				
	10/04/13 23:15 CST		0	Flash Flood (due to Heavy Rain)
	10/05/13 00:15 CST		0	Source: Law Enforcement

Heavy rain flooded an underpass along Oakland Avenue in Austin.

HOUSTON COUNTY --- 1.0 WNW LA CRESCENT [43.84, -91.30], 0.5 NNE RIVER JCT [43.84, -91.31], 1.2 S RIVER JCT [43.81, -91.32], 1.4 SE RIVER JCT [43.81, -91.30]				
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	10/05/13 00:39 CST		0	Flood (due to Heavy Rain)
	10/05/13 01:45 CST		0	Source: Law Enforcement

Heavy rains caused minor street flooding in La Crescent.

WINONA COUNTY --- 1.1 SW GOODVIEW [44.06, -91.72], 0.3 W GOODVIEW [44.07, -91.71], 1.3 E WINONA [44.05, -91.62], 2.1 NW LAMOILLE [44.02, -91.51], 0.7 E LAMOILLE [44.00, -91.47], 1.0 ESE HOMER [44.02, -91.55]				
	10/05/13 01:00 CST		15K	Flash Flood (due to Heavy Rain)
	10/05/13 03:00 CST		0	Source: Law Enforcement

U.S. Highway 61 was closed near Pickwick by a mud slide with numerous other slides over the highway reported. A semi truck became trapped between two of the slides. Multiple streets were closed by flooding in Goodview and the city of Winona.

WINONA COUNTY --- 1.1 SE HOMER [44.01, -91.56], 0.7 E HOMER [44.02, -91.56], 0.8 E HOMER [44.02, -91.55], 1.4 SE HOMER [44.01, -91.55], 1.6 SSE HOMER [44.00, -91.55], 1.5 SSE HOMER [44.00, -91.56]				
	10/05/13 01:30 CST		5K	Flash Flood (due to Heavy Rain)
	10/05/13 03:00 CST		0	Source: Public

County Road 15 near Pickwick was closed due to numerous mud slides. At least two trees were pushed over County Road 17 by mud slides.

WINONA COUNTY --- 0.5 W WINONA [44.05, -91.66]				
	10/05/13 02:00 CST		15K	Lightning
	10/05/13 03:00 CST		0	Source: Public

Lightning struck a power pole causing a line to fall onto 3 buildings. All three buildings then caught on fire.

Thunderstorms developed during the evening of October 4th ahead of warm front that was lifting north out of Iowa. These storms produced locally heavy rains that caused flash flooding to occur across portions of Mower, Fillmore, Winona and Houston Counties. Mud slides closed roads between Pickwick and the city of Winona (Winona County) and washed out a portion of a county road northwest of Lanesboro (Fillmore County). Almost 6 inches of rain fell in about a six hour period in Preston (Fillmore County).

WABASHA COUNTY --- 3.0 W HAMMOND [44.23, -92.44]				
	10/04/13 19:30 CST		0.15M	Lightning
	10/05/13 00:30 CST		0	Source: Newspaper

A house south of Zumbro Falls was destroyed by a fire apparently started from a lightning strike . Nobody was home at the time of the fire and two fire departments were on the scene for five hours.

A house south of Zumbro Falls (Wabasha County) was destroyed by a fire likely started from a lightning strike. The fire was reported as numerous thunderstorms with frequent lightning were moving across southeast Minnesota during the evening of October 4th. Two fire departments were on the scene for five hours.

WISCONSIN, Southwest

(WI-Z029) CLARK, (WI-Z032) BUFFALO, (WI-Z033) TREMPLEAU, (WI-Z034) JACKSON, (WI-Z041) LA CROSSE, (WI-Z042) MONROE, (WI-Z043) JUNEAU, (WI-Z044) ADAMS, (WI-Z053) VERNON				
	10/01/13 00:00 CST		0	Drought
	10/31/13 23:59 CST		0	

The severe drought that developed across western Wisconsin in early September, shrunk in size during the first week in October. Between 1.5 and 5 inches of rain fell across the region, which allowed the drought to be downgraded to moderate across all of Adams, La Crosse and Vernon Counties. During the second week of October, another half to one inch of rain fell, which allowed the drought to be downgraded even more. The severe drought continued in parts of Buffalo, Jackson, Juneau, Monroe and Trempealeau Counties, but was smaller in areal coverage. Non-irrigated corn fields across Adams, Juneau and Monroe Counties had plants that ranged from 2 to 5 feet tall and had 0 to 3 ears on each plant. Some soybean fields in the same counties had plants half their normal height.